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FT : NOUVEAUX DERIVES DE BENZIMIDAZOLE AYANT UNE ACTIVITE D'INHIBITION DE LA

CGMP-PHOSPHODISTERASE

GT : NEUE BENZIMIDAZOLDERIVATE MIT CGMP-PHOSPHODIESTERASE INHIBIERENDER WIRKUNG

PA : OTSUKA PHARMACEUTICAL CO., LTD.

IN : NISHI, Takao IN : SATO, Seiji

IN : NAGATANI, Takeshi IN : YUKAWA, Hirotaka IN : KOGA, Nobuyuki IN : SAITO, Masahiro IN : YOSHINAGA, Shinji

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(54) Title: NOVEL BENZIMIDAZOLE DERIVATIVES HAVING CGMP-PHOSPHODISTERASE INHIBITING ACTIVITY

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(57) Abstract

The present invention provides novel benzimidazole derivatives or salts thereof represented by general formula (1), wherein R1 is a hydrogen atom or a halogen atom; R2 is a phenyl-lower alkyl group; R3 is a heterocyclic group selected from the group consisting of an indolyl group, indolinyl group, 1H-indazolyl group, 2(1H)-quinolinonyl group, 3,4-dihydro-2(1H)-quinolinonyl group and 1,4-benzoxazinyl group; \underline{A} is a lower alkylene group; \underline{n} is 0 or 1. The benzimidazole derivatives or salts of the present invention are effective agents for treating various arteriosclerotic diseases.